| POSITION                  | INITIALS | ID NO. | DATE    |  |  |
|---------------------------|----------|--------|---------|--|--|
|                           |          |        | /. /    |  |  |
| FEE DETERMINATION         | Verent   |        | 5/1/9/  |  |  |
| O.I.P.E. CLASSIFIER       |          | 11     | 5/3/    |  |  |
| FORMALITY REVIEW          | 1^       | 3686H  | 7/10/01 |  |  |
| RESPONSE FORMALITY REVIEW |          |        |         |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

| *          |          |  |          |          |          |          |               |          |          |          |          |
|------------|----------|--|----------|----------|----------|----------|---------------|----------|----------|----------|----------|
| Claim Date |          |  |          |          |          |          |               |          |          |          |          |
|            | _        | 10   |          |          |          |          |               |          |          |          |          |
| Final      | Original | 25 30  |          |          |          |          |               |          |          |          |          |
| üΞ         | Ŏ<br>V   |  | Ц        |          |          |          |               |          |          |          | _        |
| ш          | 2        | X.   | Н        | Н        | _        |          |               |          | _        | _        | _        |
|            | 3        | Н  | Н        | Н        |          |          | -             | _        |          | _        | _        |
|            | 4        | H  | -        |          |          | -        |               |          |          |          | _        |
| $\vdash$   | 5        | 7  |          |          | _        | _        | T             |          | H        | _        |          |
|            | 6        | υ  |          |          | _        |          |               |          |          |          |          |
|            | 7        | Т  | П        |          |          |          |               |          |          |          |          |
|            | 8        | П  |          |          |          |          |               |          |          |          |          |
|            | 9        | Q  |          |          |          |          |               |          |          |          |          |
|            | 10       |  |          |          |          |          |               |          |          |          |          |
|            | 11       |  |          | •        |          |          |               |          |          |          |          |
| Ľ          | 12       | _  | Ш        | Ц        | oxdot    | Щ        |               |          | Ш        | $\vdash$ |          |
|            | 13       | L  | $\vdash$ | Щ        |          | Щ        | Щ             | Ш        | Щ        | Щ        | L        |
| _          | 14       | <u> </u>   |          |          |          |          |               |          |          |          | _        |
|            | 15       | <u> </u>   | $\vdash$ |          |          |          |               |          | <u> </u> | _        | <u> </u> |
|            | 16       | _  | H        | _        |          |          |               |          |          |          | -        |
| -          | 17<br>18 | -  | ├        | -        | Н        | _        |               |          |          | H        |          |
| ⊢          | 19       | -  | $\vdash$ |          |          |          |               |          | Н        | -        |          |
| -          | 20       | ┢  |          | H        |          |          |               |          | -        | -        | -        |
| -          | 21       | <u> </u>   |          |          |          |          |               |          | H        |          |          |
| H          | 22       | $\vdash$   |          |          |          | $\vdash$ | H             | Н        | H        |          | -        |
| H          | 23       | ┝  | _        | -        | -        | $\vdash$ | _             |          | $\vdash$ | _        |          |
|            | 24       |  | -        |          |          | -        | _             |          | $\vdash$ | _        | _        |
| _          | 25       |  |          |          |          | П        |               |          |          |          |          |
|            | 26       |  |          |          |          |          |               |          |          |          |          |
|            | 27       |  |          |          |          |          |               |          |          | П        |          |
|            | 28       |  |          |          |          |          |               |          |          |          |          |
|            | 29       |  |          |          |          |          |               |          |          |          |          |
|            | 30       |  |          |          |          |          |               | L        |          |          |          |
| L          | 31       | L  |          |          |          | L        | Ш             | L        | _        | _        |          |
| L          | 32       | <u> </u>   | _        |          | L        | H        |               | _        | _        | L        | _        |
| <u> </u>   | 33       | $\vdash$   | _        | H        | <u> </u> | <u> </u> | <u> </u>      | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u>   | 34<br>35 | ├-   | $\vdash$ | $\vdash$ | _        | H        |               | _        | _        | L        | _        |
| $\vdash$   | 35       | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u>      |          | $\vdash$ | -        | -        |
| $\vdash$   | 37       | $\vdash$   | $\vdash$ | $\vdash$ | -        | $\vdash$ |               | -        |          | -        | -        |
| -          | 38       | <del> </del>                                     | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |
| $\vdash$   | 39       |  |          | H        |          |          |               | $\vdash$ | $\vdash$ |          | $\vdash$ |
| Т          | 40       |  |          | Г        | $\vdash$ | Г        | _             |          | Ι-       | _        | -        |
| $\vdash$   | 41       | Г  |          | Ι        | H        | _        |               | $\vdash$ | $\vdash$ | H        | Н        |
| $\vdash$   | 42       | ┢  | -        | _        | $\vdash$ | ┢        | $\vdash$      |          | $\vdash$ | _        | ┢        |
| Т          | 43       | Г  | Г        | П        |          | Г        |               |          |          | Г        | Г        |
| _          | 44       | <del>                                     </del> | -        |          |          | Г        |               | Г        | Г        |          |          |
| $\vdash$   | 45       | $\vdash$   | _        | -        | $\vdash$ |          | $\overline{}$ | $\vdash$ | Г        | Г        |          |
|            | 46       |  |          | Γ        |          |          |               |          |          |          |          |
|            | 47       |  |          |          |          |          |               |          |          |          |          |
|            | 48       |  |          |          |          |          |               |          |          |          |          |
|            | 49       |  | Ŀ        |          |          |          |               |          |          |          |          |
| ı          | 50       | t .  | ı        | ı        | ı        | •        | ı             | ı        | ł        | ı        |          |

| Cla      | uim      |          |  |          | _        | Dat           | te             |          |          |          | _             |
|----------|----------|----------|--|----------|----------|---------------|----------------|----------|----------|----------|---------------|
| 1        | _        |          |  | _        |          | Ē             |                |          |          |          | _             |
| Final    | Original |          |  |          |          |               |                |          |          |          |               |
| H        | 51       |          |  | Н        | т        | _             |                |          | _        | _        | $\vdash$      |
| -        | 52       | -        | -  | $\vdash$ |          |               |                | -        |          | ┝        | H             |
| $\vdash$ |          |          |  | Ш        | _        | _             |                | _        |          | <u> </u> | _             |
|          | 53       |          |  | L        |          | Ь.            |                |          |          |          | _             |
| oxdot    | 54       |          |  |          | _        | _             |                |          |          | $\perp$  | _             |
|          | 55       |          |  |          |          | _             |                |          |          | Ш        | _             |
|          | 56       |          |  |          |          | L             |                | L        | $\Box$   | L.       | _             |
|          | 57       |          |  |          |          | L             |                |          |          | L        | L             |
|          | 58       |          |  |          |          |               |                |          |          |          |               |
|          | 59       |          |  |          |          |               |                |          |          |          |               |
|          | 60       |          |  |          |          |               |                |          |          |          |               |
| $\Box$   | 61       |          |  |          |          |               |                |          |          |          |               |
|          | 62       |          |  |          |          |               |                |          |          |          |               |
| Г        | 63       |          |  |          |          |               |                |          |          |          |               |
|          | 64       |          |  | П        |          |               |                |          |          |          |               |
| Г        | 65       |          |  | П        |          | П             |                |          |          | Г        |               |
|          | 66       |          |  |          |          |               | П              |          |          |          | _             |
| Г        | 67       |          |  |          |          |               |                |          |          |          |               |
|          | 68       |          |  |          | Г        |               |                |          |          |          |               |
| Г        | 69       |          |  |          |          |               |                |          |          |          |               |
| Г        | 70       |          |  | -        | Г        |               |                |          |          |          |               |
| $\vdash$ | 71       | $\vdash$ |  |          |          | $\vdash$      |                |          |          |          | -             |
| -        | 72       | -        |  | -        | Н        | ⊢             | Н              | -        |          |          | $\vdash$      |
| $\vdash$ | 73       | Н        | $\vdash$   | H        | -        | ⊢             | $\vdash$       | _        |          | _        | $\vdash$      |
| -        | 74       |          | $\vdash$   | H        | Н        | $\vdash$      |                | -        |          | -        | -             |
| $\vdash$ | 75       | Н        | Н  | $\vdash$ | ┢        | ├─            | -              | -        | _        | -        | -             |
| $\vdash$ | 76       | -        |  |          | ├        | $\vdash$      |                |          | Н        | Н        |               |
| $\vdash$ | 77       | Н        | $\vdash$   | $\vdash$ | ┢╾       |               | -              | ┢        | ┢        | $\vdash$ |               |
| -        | 78       | $\vdash$ | -  | -        | $\vdash$ | $\vdash$      | $\vdash$       | $\vdash$ | H        | ┢        |               |
| $\vdash$ | 79       | $\vdash$ | $\vdash$   | $\vdash$ | ┢─       | ┝             | -              | ┢╾       | -        |          | -             |
| -        | 80       | -        | -  | _        | $\vdash$ | H             | H              | H        | H        | H        | _             |
| $\vdash$ | 81       | Н        |  | ⊢        | ┢        | -             | -              |          | -        | -        | -             |
| -        | 82       |          | -  | -        | ┢        | $\vdash$      | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$ | H             |
| $\vdash$ | 83       |          |  | $\vdash$ | -        | <del> -</del> | ├─             | $\vdash$ | ┝        |          | _             |
| $\vdash$ | 84       |          | -  |          | ┢        | $\vdash$      | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$ | H             |
| $\vdash$ | 85       |          | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$      | $\vdash$       | -        | $\vdash$ | $\vdash$ |               |
| -        | 86       |          | <del> </del> —                                   | ├─       | $\vdash$ | $\vdash$      | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$ | -             |
| $\vdash$ | 87       | H        | $\vdash$   | -        |          |               | <del> </del> — | $\vdash$ | ⊢        | -        | -             |
| $\vdash$ | 88       | $\vdash$ | H  | $\vdash$ | $\vdash$ | $\vdash$      | $\vdash$       | ├        | $\vdash$ | $\vdash$ | -             |
| -        | 89       | -        | <del>                                     </del> | -        | $\vdash$ | $\vdash$      | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      |
| $\vdash$ | 90       | -        |  |          | $\vdash$ | $\vdash$      | $\vdash$       | $\vdash$ | $\vdash$ | -        | _             |
| $\vdash$ | 91       | H        | $\vdash$   | ⊢        | ⊢        | $\vdash$      | ├              | ├—       | ⊢        | $\vdash$ |               |
| $\vdash$ | _        | H        | H  | ⊢        | <b>├</b> | ├-            | ├              | ├        | <u> </u> | L        | <u> </u>      |
| $\vdash$ | 92       | -        | H  | $\vdash$ | <u> </u> | <u> </u>      | -              |          | $\vdash$ | H        | <u> </u>      |
| $\vdash$ | 93       | -        | $\vdash$   | -        | $\vdash$ | $\vdash$      | H              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      |
| $\vdash$ | 94       | H        | $\vdash$   | <u> </u> | <u> </u> | $\vdash$      | $\vdash$       | _        | H        | L        | L             |
| $\vdash$ | 95       | _        |  | _        | <u> </u> | $\vdash$      | $\vdash$       | <u> </u> | $\vdash$ | _        | $\vdash$      |
| -        | 96       | -        | <u> </u>   | <u> </u> | -        | <u> </u>      | <u> </u>       | <u> </u> |          | <u> </u> | <del> -</del> |
| <u></u>  | 97       | <u> </u> | <b> </b> _                                       | <u> </u> | <u> </u> | <u> </u>      | <u> </u>       | <u> </u> | Н        | <u> </u> | _             |
| $\vdash$ | 98       | L        |  | _        | <u> </u> | <u> </u> -    | <u> </u>       | <u> </u> | -        | <b> </b> |               |
| $\vdash$ | 99       | _        | <u> </u>   |          | <u> </u> | _             | $\vdash$       | <u> </u> | $\vdash$ | L        | _             |
| <u></u>  | 100      |          |  | L_       |          |               |                | Ш.       |          | Щ        |               |

| Cla      | úm         |          |          |           |          | Da       | te       |          | _        | _        | ٦        |
|----------|------------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|
|          |            |          |          |           | _        | Ē        | Ē        |          |          | Г        | П        |
| Final    | Original   |          |          |           |          |          |          |          |          |          |          |
| Н        | 101        |          |          | $\Box$    |          |          |          |          |          | Т        |          |
| -        | 102        |          | _        | H         | $\vdash$ | ┢        |          | _        |          | Н        | Н        |
| Н        | 103        |          |          |           | $\vdash$ |          |          |          |          | -        | Н        |
| ┝        | 104        |          |          | H         | ┝╾       | -        | $\vdash$ |          |          | -        | Н        |
| $\vdash$ | 105        |          |          |           | $\vdash$ | $\vdash$ | Н        |          |          |          | Н        |
| -        | 106        | _        | ┢        | _         | _        | $\vdash$ | -        | $\vdash$ | _        | H        | Н        |
| Н        | 107        |          |          |           | ┢        | _        | -        |          | -        | $\vdash$ | Н        |
| -        | 108        | _        | $\vdash$ | М         | _        | _        |          | _        |          | Н        |          |
| $\vdash$ | 109        | -        |          |           | H        | -        |          |          |          | $\vdash$ | Н        |
| Н        | 110        |          |          | H         | ┢        |          | П        | т        |          | H        |          |
|          | 111        |          |          |           | <u> </u> | _        |          | -        |          | $\vdash$ | Н        |
| $\vdash$ | 112        | -        | $\vdash$ |           | ┢        | _        | H        | _        | _        | $\vdash$ | Н        |
| $\vdash$ | 113        |          | $\vdash$ |           | $\vdash$ | Т        | Н        | $\vdash$ | Н        | Н        | Н        |
|          | 114        | $\vdash$ | _        | -         | -        | _        |          | _        |          | -        | Н        |
| $\vdash$ | 115        |          |          |           | $\vdash$ |          | Н        | Н        | $\vdash$ | $\vdash$ | Н        |
| $\vdash$ | 116        |          | -        |           | $\vdash$ | -        | -        |          |          |          | Н        |
| H        | 117        |          |          | Н         | $\vdash$ | Н        | -        | H        | Н        | ┢        | Н        |
| 一        | 118        |          |          | -         | $\vdash$ | $\vdash$ | H        |          | H        | H        | H        |
| ┝        | 119        |          | _        | -         | ├        | _        |          |          | ┢        | $\vdash$ | Н        |
| H        | 120        |          |          | _         |          | _        | $\vdash$ | -        | -        | -        | -        |
| ⊢        |            | _        |          |           | ┝        | -        | -        | ⊢        | -        | -        | _        |
| ┝        | 121<br>122 |          | _        |           |          | -        | -        | ⊢        | -        | -        | -        |
| ┝        | 123        |          |          | $\vdash$  | ⊢        | -        | -        | -        | -        | -        | -        |
| <u> </u> | 124        |          | -        | -         | ⊢        | _        | $\vdash$ | ⊢        | ⊢        | ⊢        | Н        |
| -        | -          | $\vdash$ |          |           | $\vdash$ |          | ⊢        | $\vdash$ | ┝        | ⊢        | H        |
| <u> </u> | 125        | -        | H        |           | -        | ├        | ⊢        |          |          | ⊢        | ⊢        |
|          | 126        | -        | ⊢        | H         | -        | -        | -        | ⊢        | -        | -        | -        |
|          | 127<br>128 | -        |          |           |          | $\vdash$ | ⊢        | ├-       | ┝        | ⊢        | H        |
|          | 129        |          | ⊢        | H         |          | $\vdash$ |          | ┝        | ⊢        | ├        | -        |
|          | 130        | -        | ├        | -         | -        | -        | ┢        | $\vdash$ | ⊢        | ⊢        | $\vdash$ |
| $\vdash$ | 131        | -        | ⊢        | H         | ⊢        | $\vdash$ |          | _        | ├        | ┝        | -        |
|          | 132        | -        | -        | -         | ⊢        | -        | ⊢        | $\vdash$ | ⊢        | ⊢        | $\vdash$ |
| $\vdash$ | 133        |          | ⊢        | $\vdash$  | H        | -        | ┝        | -        |          | ├        |          |
| ├─       | 134        | -        | ├-       | -         | ┝        |          | ┢        | $\vdash$ | ┝        | H        | $\vdash$ |
| ⊢        | 135        | $\vdash$ | ⊢        |           |          | $\vdash$ | -        | $\vdash$ | -        | -        | ┢        |
| -        | 136        |          | ┢        | -         | -        | $\vdash$ | ┢        | $\vdash$ | $\vdash$ | ⊢        | $\vdash$ |
| ⊢        | 137        |          | $\vdash$ | -         | ⊢        | ⊢        | -        |          | -        | ⊢        | $\vdash$ |
| -        | 138        | -        | $\vdash$ | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | ┝        |          | -        |
| ⊢        | 139        | -        |          | -         | -        | -        | ⊢        | $\vdash$ | ⊢        | ┢        | $\vdash$ |
| $\vdash$ | 140        |          | ├        |           |          | -        | ┢        | ┝        | ┢        | ⊢        | H        |
|          | 141        | _        | ⊢        | H         |          |          | $\vdash$ | ⊢        | -        | -        | -        |
| _        |            |          | _        | H         | _        | ⊢        | <u> </u> | <u> </u> | <u> </u> | ⊢        |          |
| <u> </u> | 142        | $\vdash$ | $\vdash$ | H         | $\vdash$ | <u> </u> | $\vdash$ | $\vdash$ | ├-       | $\vdash$ | $\vdash$ |
| <u> </u> | 143        | <u> </u> | <u> </u> |           | $\vdash$ | L        | $\vdash$ | $\vdash$ | $\vdash$ | -        | <u> </u> |
| L        | 144        |          | _        | <u> </u>  | <u> </u> | _        | <u> </u> | _        | <u> </u> | <u> </u> |          |
| <u> </u> | 145        | _        | <u> </u> | $\square$ | <u> </u> | _        | <u> </u> | <u> </u> | _        | <u> </u> | <u> </u> |
| <u> </u> | 146        | Щ        | L        | <u> </u>  | <u> </u> | <u> </u> | <u> </u> | $\vdash$ | <u> </u> | <u> </u> | Ш        |
| <u> </u> | 147        | _        | _        | L.        | <u> </u> | _        |          | <u> </u> | <u>L</u> | L        | Ш        |
| <u> </u> | 148        |          |          | oxdot     | <u> </u> | L.       | $\vdash$ | _        | L.       | <u> </u> | Щ        |
| <u> </u> | 149        | _        | <u> </u> | <u> </u>  | _        | _        | <u> </u> | oxdot    | <u> </u> | _        | Щ        |
| لـــــا  | 150        |          | L        |           | L        |          |          |          | L        |          | Ш        |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)